**Gas-based power plants**

†1629. SHRI AJAY SINGH CHAUTALA: Will the Minister of POWER be pleased to state:

(a) the number of gas-based power plants installed or were proposed to be installed in the country during the last two years;

(b) whether any internal arrangement has been made for supply of gas to run these plants or any contract has been entered into for procuring gas from abroad;

(c) the present status of the agreement entered into years ago with Iran and by when the said gas is likely to reach India and the names of those power plants which would be commissioned with the gas to 'be procured from Iran; and

(d) whether any such power plants would be commissioned in Haryana and Punjab during the next two years or whether the work for such power plants is going on at present?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) Gas based plants installed/were proposed to be installed in the country during the last two years are given in Statement-I and II (*See* below).

(b) and (c) The arrangement for supply of gas for a gas based power plant is made by the project developer directly with the gas suppliers. However, currently, there is shortage of gas in the country. Though, the requirement of gas for 12,554 MW of gas based capacity existing, at present, is 62 Million Standard Cubic Meter Per Day (MMSCMD), the supply/availability of gas is around 36 MMSCMD.

A Sale-Purchase Agreement (SPA) was signed on June 13,2005 in Tehran for 5 Million Metric Tonnes per Annum (MMTPA) of Liquefied Natural Gas (LNG) between the National Iranian Gas Export Company (NIGEC) and the Indian Consortium of GAIL (India) Limited (GAIL), Indian Oil Corporation Limited (IOCL) and Bharat Petroleum Corporation Limited (BPCL). The contract period was 25 years, beginning from the last quarter of 2009. Simultaneously, the parties also signed a side letter to the LNG SPA on 13th June, 2005 by which NIGEC had to obtain the approval of their parent company, National Iranian Oil Company (NIOC), for the SPA to become effective. NIGEC has not conveyed the approval of NIOC's Board till now.

(d) No, Sir.

***Statement***

*Gas-based power plants installed during the last two years*

| Sector and State | Project Name (MW) | Implementing Agency | Project capacity | Capacity (MW) | Synchronization Date |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 45 | | 6 |
| Central Sector Maharashtra | Ratnagiri CCPP-II | NTPC-GAIL (1444 MW) | | 740 | 14-05-06 |
| | | | Sub-Total: | 740.00 | |

†Original notice of the question was received in Hindi.

| 1 | 23 | | 4 | 5 | 6 |
|---|---|---|---|---|---|
| Gujarat | Dhuvaran CCPP | GSECL | (112 MW) | 72 | 17.03.06 |
| | Extn. | | | 40 | 13.08.07 |
| Rajasthan | Dholpur | RRVUNL | (330 MW) | 110 | 29.03.07 |
| | CCPP(Ph-I) | | | 110 | 16.6.07 |
| Tripura | Rokhia GT | Government of | (21MW) | 21 | 31.03.06 |
| | Extn. | Tripura | | | |
| | | | SUB-TOTAL: | 353.00 | |
| Andhra Pradesh | Jegrupadu | GVK | (220 MW) | 140 | 08.10.05 |
| | CCPP Extn. | Industries | | 80 | 11.11.05 |
| Andhra Pradesh | Vemagiri | Vemagiri | (520 MW) | 233 | 13.01.06 |
| | CCPP | Power | | 137 | 08.06.06 |
| | | Gen.Ltd. | | | |
| Tamil Nadu | Karuppur | Aban | (119.8 MW) | 49.8 | 15.07.05 |
| | CCPP | Power | | | |
| Tamil Nadu | Valantharavai | Arkay | (52.8 MW) | 38 | 29.10.05 |
| | CCPP | Energy | | 14.8 | 15.04.06 |
| | | Ltd. | | | |
| | | | SUB-TOTAL: | 692.60 | 1785.60 |
| | | | TOTAL (A) | 1785.60 | |

CCPP - Combined Cycle Power Project

GSECL - Gujarat State Electricity Corporation Limited

RRVUNL - Rajasthan Rajya Vidyut Utpadan Nigam Limited

***Statement-II***

*Gas based power projects yet to be installed*

| Sector and State | Project Name | Implementing Agency (MW) | Project capacity (MW) | Capacity (MW) | Synchronization Schedule | Remarks |
|---|---|---|---|---|---|---|
| Tripura | Monarchak CCPP (Tripura Gas) | NEEPCO | (750 MW) | 750 | 2009-10 | Project (280 MW) was to be implemented by NEEPCO. Now it has been abandoned in favour of 750 MW gas based project to be set up by ONGC at the same site. |
| Maharashtra | Ratnagiri CCPP-II | NTPC-GAIL | (1444 MW) | 740 | Uncertain | Paucity of funds and non-availability of LNG. |
| Gujarat | Gandhar CCPP | NTPC | (1300 MW) | 725 | Uncertain | Main plant order not yet placed due to non-availability of gas. |
| | Kawas CCPP | NTPC | (1300 MW) | 725 | Uncertain | Main plant order not yet placed due to non-availability of gas. |
| | | | SUB-TOTAL: | 2940.00 | | |
| Rajasthan | Dholpur CCPP(Ph-I) | RRVUNL | (330 MW) | 110 | 10/07 | Delay in supply of critical piping by BHEL |
| Assam | Lakwa WHR | APGCL | (37.2MW) | 37.2 | 07/08 | Delay in placement of Main plant order. |
| | | | SUB-TOTAL: | 147.20 | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Andhra Pradesh | Gautami CCPP | Gautami Power Ltd. | (GTs:2XI45 MW+ST:174 MW) | 461 | 7/08 | Non availability of gas. |
| Andhra Pradesh | Konaseema CCPP | Konaseema EPS OPL | (GTs+ST:445MW) | 445 | 7/08 | Non availability of gas. |
| Gujarat | Sujen CCPP | Torrent Power Gen. Ltd. | (1128 MW) | 376 | 10/07 | Non readiness of switchyard |
| | | | SUB-TOTAL: | 1285.00 | | |
| | | | TOTAL (B) | 4372.20 | | |
| | | | GROSS TOTAL (A+B) | 6157.80 | | |

CCPP - Combined Cycle Power Project

GSECL - Gujarat State Electricity Corporation Limited

RRVUNL -Rajasthan Rajya Vidyut Utpadan Nigam Limited

APGCL -Assam Power Generation Company Limited